

Notice of Allowability	Application No.	Applicant(s)
	10/017,319	GHATATE, BHALCHANDRA
	Examiner Cindy Nguyen	Art Unit 2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to 12/06/04.
2. The allowed claim(s) is/are 47-70.
3. The drawings filed on 19 October 2001 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some* c) None of the:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) hereto or 2) to Paper No./Mail Date _____.
 - (b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of
 - Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. Notice of References Cited (PTO-892)
2. Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. Notice of Informal Patent Application (PTO-152)
6. Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. Examiner's Amendment/Comment
8. Examiner's Statement of Reasons for Allowance
9. Other _____.

DETAILED ACTION

This is in response to amendment filed 12/06/04.

Allowable Subject Matter

Claims 47-70 are allowed.

The following is an examiner's statement of reasons for allowance: The prior art fail to disclose a method comprising applying a first method from a first execution object, wherein determining a value is missing for at least a first input parameter to said first function as recited in claim 47.

As per claims 48-53, which depended on claim 47, therefore they are allowed.

The prior art fail to disclose a method comprising applying a first method from a first execution object, wherein determining a value is missing for a set including at least one of the accessed keys as recited in claim 54.

As per claims 55-60, which depended on claim 54, therefore they are allowed.

The prior art fail to disclose a method comprising providing an execution object that identifies said metadata object, wherein said execution object includes a method, which when applied, causes said function to be invoked using the values identified by said structure as input parameter as recited in claim 61.

As per claims 62-64, which depended on claim 61, therefore they are allowed.

The prior art fail to disclose a method comprising applying a first method from a first execution object, wherein each of a plurality of metadata objects identify a different function having one or more output parameters, said output parameters for the different

functions collectively defining a set of parameter kinds, each parameter kind in said set being assigned a unique key, each said plurality of metadata objects storing the unique keys assigned the output parameters of the function they identify as recited in claims 65 and 69.

As per claims 66-68 and 70, which depended on claims 65 and 69 above, respectively, therefore they are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cindy Nguyen whose telephone number is 571-272-4025. The examiner can normally be reached on M-F: 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 571-272-4023. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

CN
Cindy Nguyen
March 14, 2005

Frantz Coby
FRANTZ COBY
PRIMARY EXAMINER